

EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	2	"20020085967"	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2007/09/20 13:59
S2	23	(("20020085967") or ("20020110503") or ("20030113598") or ("20030150163") or ("20030188993") or ("20040063576") or ("3108857") or ("3188179") or ("3627478") or ("4108605") or ("4360505") or ("4566281") or ("4687650") or ("4696806") or ("4749558") or ("5059406") or ("5080875") or ("6007699") or ("6103143") or ("6454935") or ("6660680") or ("6682838") or ("6685762")).PN.	US-PGPUB; USPAT	OR	OFF	2007/09/20 14:30
S3	108	carbon dioxide fixing	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2007/09/20 14:10
S4	15	carbon dioxide fixing	US-PGPUB	ADJ	ON	2007/09/20 14:10
S5	47	hydrogen fixing	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2007/09/20 15:42
S6	1	S5 same PSA	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2007/09/20 14:30
S7	2	S5 same swing	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2007/09/20 14:35
S8	1	methana\$4 and S2	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2007/09/20 14:38
S9	1	("20020155329").PN.	US-PGPUB; USPAT	OR	OFF	2007/09/20 14:39
S10	77	hydrid\$5 same (PSA or swing)	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2007/09/20 14:50

EAST Search History

S11	1593291	adsorb\$4 or absorb\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2007/09/20 15:42
S12	1388211	hydrogen or H2 or "H.sub.2"	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2007/09/20 15:42
S13	5599372	adsorb\$4 or absorb\$4 or fix\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2007/09/20 15:43
S14	14862	S12 near S13	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2007/09/20 15:43
S15	4456328	fix\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2007/09/20 15:43
S16	485	S12 adj S15	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2007/09/20 15:44
S17	13	S16 and (PSA or pressure swing)	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2007/09/21 05:15
S18	729900	purif\$8	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2007/09/21 05:15
S19	1388211	hydrogen or H2 or "H.sub.2"	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2007/09/21 05:16
S20	4486	S19 near S18	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2007/09/21 05:16
S21	290400	PSA or swing	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2007/09/21 08:30
S22	514	S20 same S21	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2007/09/21 05:17

EAST Search History

S23	5599372	adsorb\$4 or absorb\$4 or fix\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2007/09/21 05:18
S24	14862	S19 near S23	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2007/09/21 05:19
S25	128	S22 and S24	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2007/09/21 05:19
S26	64	S24 same S22	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2007/09/21 05:25
S27	1	10/031397	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2007/09/21 05:27
S28	1	10/031,397	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2007/09/21 05:27
S29	5	"031397".ap.	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2007/09/21 05:29
S30	0	EP1201290	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2007/09/21 05:32
S31	25441	Ebara.as.	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2007/09/21 05:32
S32	35396	kinoshita.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2007/09/21 05:32
S33	19104	katsutoshi.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2007/09/21 05:32
S34	76	S33 and S31	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2007/09/21 05:33

EAST Search History

S35	43	("3141747" "3141748" "3793435" "3839847" "4036944" "4079523" "4096639" "4096641" "4108605" "4133426" "4134490" "4134491" "4135621" "4142300" "4185979" "4200623" "4200624" "4242315" "4300946").PN. OR ("4360505").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/09/21 06:00
S36	6	fuel cell and S35	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/09/21 06:02
S37	2	S36 and reform\$5	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/09/21 06:02
S38	20	("4055962" "4360505" "4444727" "4528003" "4819718" "5238469" "5298054" "5489327" "5895519" "6126723").PN. OR ("6503298").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/09/21 06:06
S39	19	("3793435").URPN.	USPAT	ADJ	ON	2007/09/21 06:41
S40	296844	PSA or swing or TSA	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2007/09/21 08:31
S41	18807	S19 near (S18 or S23)	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2007/09/21 08:31
S42	9767	(temperature near swing) or TSA	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2007/09/21 08:58
S43	20	("4055962" "4360505" "4444727" "4528003" "4819718" "5238469" "5298054" "5489327" "5895519" "6126723").PN. OR ("6503298").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/09/21 08:32
S44	37	S41 same S42	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2007/09/21 08:42
S45	37	S42 same hydride	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2007/09/21 08:43

EAST Search History

S46	37	S45 not S44	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2007/09/21 08:47
S47	68	S42 same reform\$5	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2007/09/21 08:48
S48	12	S47 and hydride	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2007/09/21 08:48
S49	553	S42 and reform\$5	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2007/09/21 08:48
S50	66	S49 and hydride	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2007/09/21 08:52
S51	10156	((temperature or thermal) near swing) or TSA	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2007/09/21 08:58
S52	625	S51 and reform\$5	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2007/09/21 08:58
S53	36	S52 and hydride near metal	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2007/09/21 08:58
S54	11	("4565685" "4968329" "5175061" "5846295" "5912424" "5925322" "5935726" "5972077").PN. OR ("6627338").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/09/21 09:03
S55	46	("3533221" "3557025" "3594984" "3629153" "3710547" "3738084" "3865924" "4233038" "4249915" "4264340" "4433981" "4472178" "4493715" "4627856" "4711645" "4775396" "4986835" "5137548" "5156657" "5232474" "5447558" "5453112" "5486227" "5518527" "5520721" "5560763" "5614000" "5656064").PN. OR ("5846295").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/09/21 09:09

EAST Search History

S56	17	S55 and hydrogen	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/09/21 09:21
S57	1960	S41 and metal near hydride	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/09/21 09:21
S58	122	S57 and (swing or PSA or TSA)	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/09/21 10:44
S59	1289	carbon monoxide with poison	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/09/21 10:44
S60	20	S59 same hydride	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/09/21 10:54
S61	215666	(water or moisture) near (remov\$4)	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/09/21 10:55
S62	2363	S61 same hydride	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/09/21 11:01
S63	799	S61 same hydride same metal	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/09/21 10:56
S64	6	S63 same poison	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/09/21 10:58
S65	1343	metal near hydride with water	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/09/21 10:59
S66	1243	S65 and hydrogen	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/09/21 10:59
S67	233	S65 and S41	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/09/21 11:00
S68	49	S62 and S41	US-PGPUB; USPAT	ADJ	ON	2007/09/21 11:11
S69	25	"5250368"	US-PGPUB; USPAT	ADJ	ON	2007/09/21 11:11
S70	1	"5250368".pn.	US-PGPUB; USPAT	ADJ	ON	2007/09/21 11:29
S71	2349207	monitor\$3 or measur\$4	US-PGPUB; USPAT	ADJ	ON	2007/09/21 11:30
S72	41234	S71 near4 (composition)	US-PGPUB; USPAT	ADJ	ON	2007/09/21 11:31

EAST Search History

S73	47	S72 with (depleted or tail gas or bi-product or biproduct)	US-PGPUB; USPAT	ADJ	ON	2007/09/21 11:34
S74	28	S72 with (exit gas)	US-PGPUB; USPAT	ADJ	ON	2007/09/21 11:34